MASTER TL5 High Efficiency

MASTER TL5 HE 14W/865 1SL

This TL5 lamp (tube diameter 16 mm) has a high luminous efficacy, resulting in low energy consumption. The High Efficiency TL5 lamp offers excellent lumen maintenance and good color rendering. Application areas are offices, industry, public and governmental buildings, schools, hospitals and indoor sports lighting.

Product data

• General Characteristics

System Description	High Efficiency
Cap-Base	G5
Cap-Base Information	Green Plate
Bulb	T5 [16 mm]
Life to 10% fail Preheat EL,3h	19000 hr
Life to 50% fail Preheat EL,3h	24000 hr
LSF HF Preheat 2000h Rated,3h	99 %
LSF HF Preheat 4000h Rated,3h	99 %
LSF HF Preheat 6000h Rated,3h	99 %
LSF HF Preheat 8000h Rated,3h	99 %
LSF HF Preheat 12000h Rated,3h	99 %
LSF HF Preheat 16000h Rated,3h	97 %
LSF HF Preheat 20000h Rated,3h	84 %

• Light Technical Characteristics

Color Code	865 [CCT of 6500K]
Color Rendering Index	85 Ra8
Color Designation (text)	Cool Daylight
Color Temperature	6500 K
Luminous Flux EL 25°C, Rated	1125 Lm
Luminous Flux EL 25°C, Nominal	1125 Lm
Luminous Flux Lamp EL 35°C	1250 Lm
Lum Efficacy Rated HF 25°C	80 Lm/W
Lum Efficacy Rated HF 35°C	91 Lm/W
LLMF HF 2000h Rated	96 %
LLMF HF 4000h Rated	95 %
LLMF HF 6000h Rated	94 %
LLMF HF 8000h Rated	93 %
LLMF HF 12000h Rated	92 %
LLMF HF 16000h Rated	91 %
LLMF HF 20000h Rated	90 %
Design Temperature	35 C
Chromaticity Coordinate X	313 -
Chromaticity Coordinate Y	337 -

• Electrical Characteristics

Lamp Wattage	14 W
Lamp Wattage EL 25°C, Rated	14.0 W
Lamp Wattage EL 25°C, Nominal	14 W
Lamp Wattage EL 35°C	13.7 W
Lamp Voltage EL 25°C	86 V

asimpleswitch.com

PHILIPS

MASTER TL5 High Efficiency

Lamp Voltage EL 35°C	82 V
Lamp Current EL 25°C	0.170 A
Lamp Current EL 35°C	0.170 A
Dimmable	Yes

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	1.4 mg
Energy consumption kWh/1000h	15 kWh

• Measuring Conditions

Calibration Current	0.170 A
HF Generator Rated Voltage	167 V
Resistor	500 ohm

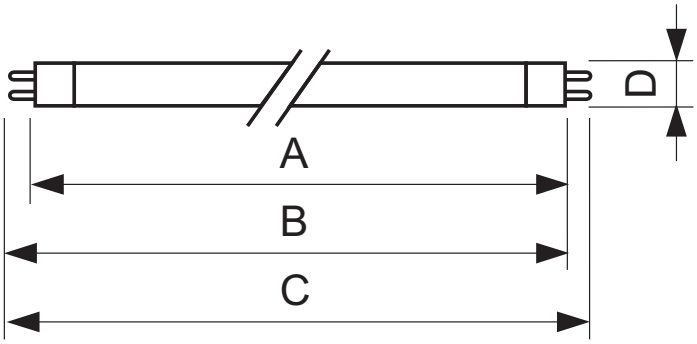
• Product Dimensions

Base Face to Base Face A	549.0 (max) mm
Insertion Length B	553.7 (min), 556.1 (max) mm
Overall Length C	563.2 (max) mm
Diameter D	17 (max) mm

• Product Data

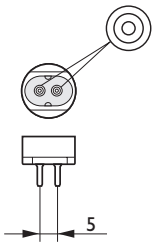
Order code	927926086555
Full product code	927926086555
Full product name	MASTER TL5 HE 14W/865 1SL
Order product name	MASTER TL5 HE 14W/865 1SL/40
Pieces per pack	1
Packing configuration	40
Packs per outerbox	40
Bar code on pack - EAN1	8711500710093
Bar code on outerbox - EAN3	8711500867490
Logistic code(s) - 12NC	927926086555
ILCOS code	FDH-14/65/1B-L/P-G5-16/550
Net weight per piece	40.850 gr

Dimensional drawing



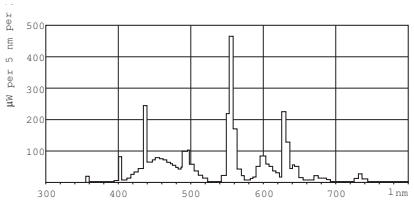
MASTER TL5 HE 14W/865 1SL

Product	A (Max)	B (Min)	B (Max)	C (Max)	D (Max)
TL5 14W/865/GP HE	549.0	553.7	556.1	563.2	17

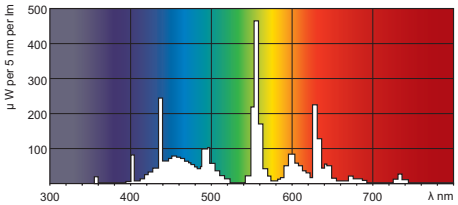


G5

Photometric data



Lightcolor /865



Lightcolor /865

© 2014 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2014, January 5
data subject to change